Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Previously Presented) A method of obtaining secure registration by a memory module (UICC) in a multicast-broadcast-multimedia system (MBMS), the method comprising:

receiving a random number;

generating a radio access network key (RAK) as a function of the random number and a key selected from the group consisting of a public land mobile network key (PK) and a broadcast access key (BAK);

generating temporary registration key (RGK) as a function of the RAK and a user identification number; and

authenticating at least one registration message in the MBMS based on the RGK.

2. (Original) The method of claim 1, further comprising transmitting the RGK to a mobile telephone.

3. (Original) The method of claim 1, further comprising receiving a provisioning message from a broadcast-multicast service center.

4. (Original) The method of claim 3, wherein the provisioning message is a function of the PK and a permanent registration key (RK).

5. (Original) The method of claim 3, further comprising extracting the PK from the provisioning message.

6. (Original) The method of claim 1, wherein the RGK is a function of the RAK, a service identification number and a user identification number.

7. (Original) The method of claim 6, wherein the RGK is a function of the RAK and a cyclic redundancy code (CRC) computed from the service identification number and the user identification number.

8. (Original) The method of claim 1, wherein the UICC comprises a subscriber identity module (SIM) in a Global System for Mobile communication (GSM) system.

9. (Original) The method of claim 1, wherein the UICC comprises a removable user identity module (RUIM) in a code division multiple access (CDMA) system.

10. (Original) The method of claim 1, wherein the PK is provisioned by using a public key.

11. (Original) The method of claim 1, wherein the BAK is provisioned by using a public key.

12. (Previously Presented) A method of obtaining secure registration by a mobile station in a multicast-broadcast-multimedia system (MBMS), the method comprising:

receiving a random number from a radio access network;

transmitting the random number to a memory module (UICC);

receiving from the UICC a temporary registration key (RGK) based on the random number and a user identification number; and

authenticating at least one registration message in the MBMS based on the RGK.

13. (Original) The method of claim 12, wherein the RGK is a function of a radio access network key (RAK) which is a function of the random number and a key selected from the group consisting of a public land mobile network key (PK) and a broadcast access key (BAK).

14. (Original) The method of claim 13, wherein the PK is extracted from a provisioning message received from a broadcast-multicast service center.

15. (Original) The method of claim 14, wherein the provisioning message is a function of the PK and a permanent registration key (RK).

16. (Original) The method of claim 13, wherein the RGK is a function of the RAK, a service identification number and a user identification number.

17. (Original) The method of claim 16, wherein the RGK is a function of the RAK and a cyclic redundancy code (CRC) computed from the service identification number and the user identification number.

18. (Original) The method of claim 12, wherein the UICC comprises a subscriber identity module (SIM) in a Global System for Mobile communication (GSM) system.

19. (Original.) The method of claim 12, wherein the UICC comprises a removable user identity module (RUTM) in a code division multiple access (CDMA) system.

20. (Original) The method of claim 12, wherein the PK is provisioned by using a public key.

21. (Original) The method of claim 12, wherein the BAK is provisioned by using a public key.

22. (Currently Amended) A memory module stored on a computer readable storage medium, comprising:

receiving logic configured for receiving a random number;

means for generating a radio access network key (RAK) as a function of the random number and a key selected from the group consisting of a public land mobile network key (PK) and a broadcast access key (BAK);

means for generating a temporary registration key (RGK) as a function of the RAK and a user identification number; and

means for authenticating at least one registration message in the MBMS based on the RGK.

23. (Original) The memory module of claim 22, further comprising means for transmitting the RGK to a mobile telephone.

24. (Original) The memory module of claim 22, further comprising means for receiving a provisioning message from a broadcast-multicast service center.

25. (Original) The memory module of claim 24, wherein the provisioning message is a function of the PK and a permanent registration key (RK).

26. (Original) The memory module of claim 24, further comprising means for extracting the PK from the provisioning message.

27. (Original) The memory module of claim 22, wherein the RGK is a function of the RAK, a service identification number and a user identification number.

28. (Original) The memory module of claim 27, wherein the RGK is a function of the RAK and a cyclic redundancy code (CRC) computed from the service identification number and the user identification number.

29. (Original) The memory module of claim 22, wherein the PK is provisioned by using a public key.

30. (Original) The memory module of claim 22, wherein the BAK is provisioned by using a public key.

31. (Previously Presented) A mobile station apparatus, comprising:
receiving logic configured for receiving a random number from a radio access network;
means for transmitting the random number to a memory module (UICC);

means for receiving from the UICC a temporary registration key (RGK) based on the random number and a user identification number; and

means for authenticating at least one registration message in the MBMS based on the RGK.

32. (Original) The apparatus of claim 31, wherein the RGK is a function of a radio access network key (RAK) which is a function of the random number and a key selected from the group consisting of a public land mobile network key (PK) and a broadcast access key (BAK).

33. (Original) The apparatus of claim 32, wherein the PK is extracted from a provisioning message received from a broadcast-multicast service center.

34. (Original) The apparatus of claim 33, wherein the provisioning message is a function of the PK and a permanent registration key (RK).

35. (Original) The apparatus of claim 32, wherein the RGK is a function of the RAK, a service identification number and a user identification number.

36. (Original) The apparatus of claim 35, wherein the RGK is a function of the RAK and a cyclic redundancy code (CRC) computed from the service identification number and the user identification number.

37. (Original) The apparatus of claim 31, wherein the UICC comprises a subscriber identity module (SIM) in a Global System for Mobile communication (GSM) system.

38. (Original) The apparatus of claim 31, wherein the UICC comprises a removable user identity module (RUIM) in a code division multiple access (CDMA) system.

39. (Original) The apparatus of claim 31, wherein the PK is provisioned by using a public key.

40. (Original) The apparatus of claim 31, wherein the BAK is provisioned by using a public key.

41. (Previously Presented) A computer readable medium embodying a method of obtaining secure registration by a memory module (UICC) in a multicast-broadcast-multimedia system (MBMS), the method comprising:

receiving a random number;

generating a radio access network key (RAK) as a function of the random number and a key selected from the group consisting of a public land mobile network key (PK) and a broadcast access key (BAK);

generating a temporary registration key (RGK) as a function of the RAK and a user identification number; and

authenticating at least one registration message in the MBMS based on the RGK.

42. (Original) The computer readable medium of claim 41, wherein the method further comprises transmitting the RGK to a mobile telephone.

43. (Original) The computer readable medium of claim 41, wherein the method further comprises receiving a provisioning message from a broadcast-multicast service center.

44. (Original) The computer readable medium of claim 43, wherein the provisioning message is a function of the PK and a permanent registration key (RK).

45. (Original) The computer readable medium of claim 43, wherein the method further comprises extracting the PK from the provisioning message.

46. (Original) The computer readable medium of claim 41, wherein the RGK is a function of the RAK, a service identification number and a user identification number.

47. (Original) The computer readable medium of claim 46, wherein the RGK is a function of the RAK and a cyclic redundancy code (CRC) computed from the service identification number and the user identification number.

48. (Original) The computer readable medium of claim 41, wherein the UICC comprises a subscriber identity module (SIM) in a Global System for Mobile communication (GSM) system.

49. (Original) The computer readable medium of claim 41, wherein the UICC comprises a removable user identity module (RUIM) in a code division multiple access (CDMA) system.

50. (Original) The computer readable medium of claim 41, wherein the PK is provisioned by using a public key.

51. (Original) The computer readable medium of claim 41, wherein the BAK is provisioned by using a public key.

52. (Previously Presented) A computer readable medium embodying a method obtaining secure registration by a mobile station in a multicast-broadcast-multimedia system (MBMS), the method comprising:

receiving a random number from a radio access network;

transmitting the random number to a memory module (UICC);

receiving from the UICC a temporary registration key (RGK) based on the random number and a user identification number; and

authenticating at least one registration message in the MBMS based on the RGK.

53. (Original) The computer readable medium of claim 52, wherein the RGK is a function of a radio access network key (RAK) which is a function of the random number and a key selected from the group consisting of a public land mobile network key (PK) and a broadcast access key (BAK).

54. (Original) The computer readable medium of claim 53, wherein the PK is extracted from a provisioning message received from a broadcast-multicast service center.

55. (Original) The computer readable medium of claim 54, wherein the provisioning message is a function of the PK and a permanent registration key (RK).

56. (Original) The computer readable medium of claim 53, wherein the RGK is a function of the RAK, a service identification number and a user identification number.

57. (Original) The computer readable medium of claim 56, wherein the RGK is a function of the RAK and a cyclic redundancy code (CRC) computed from the service identification number and the user identification number.

58. (Original) The computer readable medium of claim 52, wherein the UICC comprises a subscriber identity module (SIM) in a Global System for Mobile communication (GSM) system.

59. (Original) The computer readable medium of claim 52, wherein the UICC comprises a removable user identity module (RUIM) in a code division multiple access (CDMA) system.

60. (Original) The computer readable medium of claim 52, wherein the PK is provisioned by using a public key.

61. (Original) The computer readable medium of claim 52, wherein the BAK is provisioned by using a public key.